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## **EXHIBIT B**

FIGURES 1-6



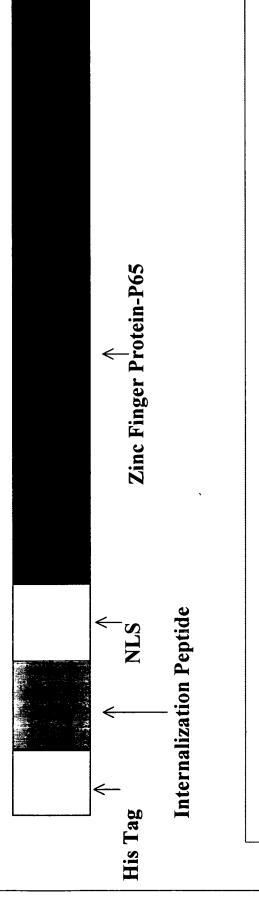
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## FIGURE 1

# Direct VEGF-ZFP Protein Transduction Induction of VEGF-A Transcription by



Principle of carrying intact gene-regulating proteins to the nucleus using delivery peptide motifs. Fusion of internalization peptide to nuclear translocation signal and zinc finger-based transcription factor.

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## FIGURE 2

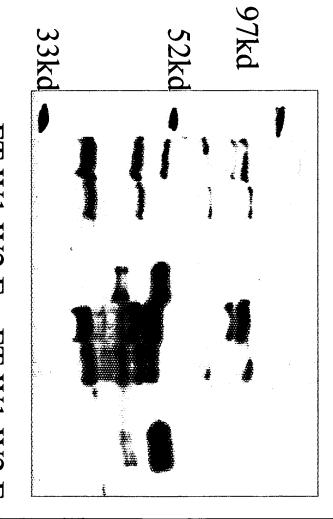


# Engineering, Construction, and Purification of Internalization Peptide-ZFP Fusion Constructs

**ZFP DNA Binding** 

Activation

- Site Directed Mutagenesis
- 2. Directional Cloning
- 3. Sequence Verification
- . E.coli Transformation
- . Medium Scale Protein Production
- 6. Protein Purification
- 7. Protein Verification



FT W1 W2 E FT W1 W2 E

**AP-ZFP** 

**EP-ZFP** 

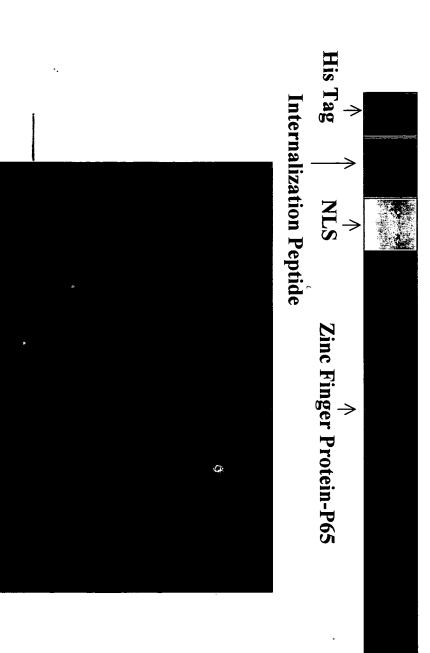


## FIGURE 3

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## An Internalization Peptide Motif can 'Carry' a ZFP Into Cells



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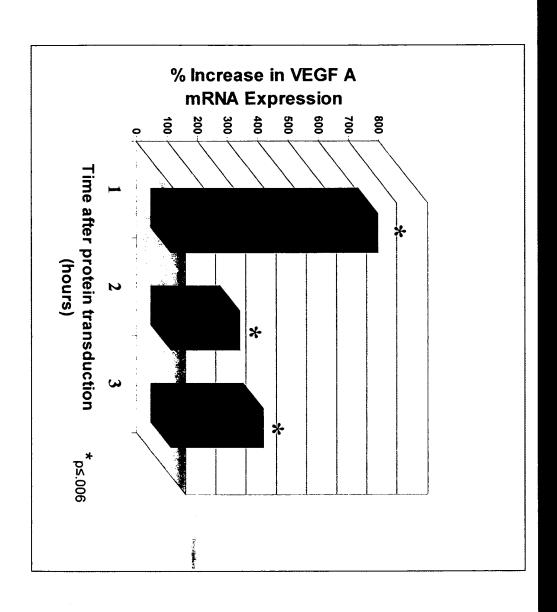
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## FIGURE 4

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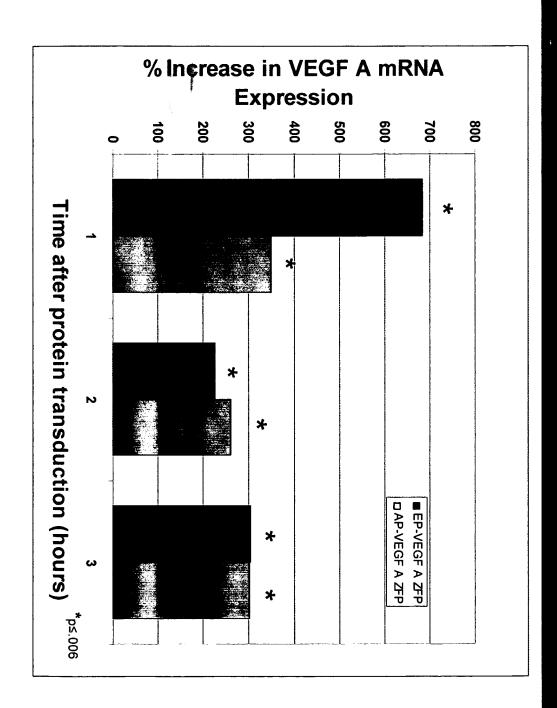


## FIGURE 5

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# ransduction Efficiency of EP-VEGF A ZFP vs. AP-VEGF A ZFP in Upregulation of VEGF A mRNA

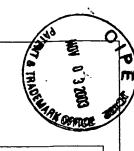




## FIGURE 6

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## Activation of VEGF-A transcription in vivo by IM injection of EP-VEGF A **ZFP Protein**

